

20000110.qrp v01\_n696.qrl.20000110

Date: Mon, 10 Jan 2000 19:03:07 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1696

## QRP-L Digest 1696

Topics covered in this issue include:

- 1) [59889] RE: Glowing Tubes  
by "Donald P Palmer" <dppalmer@home.com>
- 2) [59890] WQ6RP Web Address  
by "Ron Polityka" <wb3aal@talon.net>
- 3) [59891] Headphones - enclosed ear pads, inexpensive  
by "Bruce Barley" <lbbbarley@feist.com>
- 4) [59892] EI5EM Web Page  
by "Ron Polityka" <wb3aal@talon.net>
- 5) [59893] Re: [59814] ??? Extra Class Study Guides  
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 6) [59894] FS- Sierra and NC-20  
by "Mike Newbold" <newbold@cmn.net>
- 7) [59895] Bencher BY-1 Paddle FS  
by "Ken Simpson" <W8EK@fdt.net>
- 8) [59896] Re: Glowing Tubes  
by George F Franklin <w0av@juno.com>
- 9) [59897] HB: Paddle from PB board  
by n5ib@juno.com
- 10) [59898] Re: Let's stay On Topic  
by k5zty@juno.com
- 11) [59899] FOXHUNT: SCHEDULE CHANGE  
by "Paul R. Valko" <prvalko@oakland.edu>
- 12) [59900] Re: Cell Phone Noise!!!!  
by kc8aon@juno.com
- 13) [59901] Atlanticon speaker list announced  
by "George Heron N2APB" <n2apb@erols.com>
- 14) [59902] HW-8 SOLD  
by Normk9nk@aol.com
- 15) [59903] Alinco DX70T and QRP  
by "MGTGAZ" <gustoff@access1.net>
- 16) [59904] Norcal Net Farewell report. QRQ net.  
by Ed Loranger <we6w@netzero.net>
- 17) [59905] Fox: Final log N0AR 1/7/00  
by sholisky@ktca.org (Scott Holisky)
- 18) [59906] RE: 160m Activity Sunday night.  
by Adrian Weiss <aweiss@usd.edu>
- 19) [59907] Sierra modification questions, L10 and Q6, C53...

by "Tom Scott" <tscott@eni.net>  
20) [59908] Re: two hot deals from Costco...  
by DYARNES@aol.com  
21) [59909] CT1ETT in Nashvill, TN  
by Rogerio Gonzaga <gonzaga@med.up.pt>  
22) [59910] Please, list moderators  
by Rogerio Gonzaga <gonzaga@med.up.pt>  
23) [59911] FS: HW-8, FT-102  
by Hans =?iso-8859-1?Q?=D6stnell?= <Hans.0stnell@itn.vxu.se>  
24) [59912] Re: EI5EM Web Page  
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
25) [59913] Sierra Modifications?  
by SABorns@aol.com  
26) [59914] 160M assault - 1.810MHz  
by Jim Hale <kj5tf@yahoo.com>  
27) [59915] Re: Sierra Modifications?  
by "George Heron N2APB" <n2apb@erols.com>  
28) [59916] Halogen lamp buzz?  
by Drbob92031@aol.com  
29) [59917] RE: Halogen lamp buzz?  
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
30) [59918] Error!!  
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
31) [59919] Bob Varone's Letter to Max Cleland  
by QRP <qrp@email.com>  
32) [59920] A Modest Proposal  
by QRP <qrp@email.com>  
33) [59921] Re: Halogen lamp buzz?  
by Arjen Raateland <Arjen.Raateland@vyh.fi>  
34) [59922] Re: A Modest Proposal  
by "Mike Yetsko" <myetsko@insydesw.com>  
35) [59923] Re: A Modest Proposal  
by "Ron Smith" <resmith666@uswest.net>  
36) [59924] Regulatory matters don't belong here  
by PDouglas12@aol.com  
37) [59925] (no subject)  
by clair <clair@gateway.net>  
38) [59926] TT2 and Herring Aid on 30 meters ???  
by "Brockwell, Stephen E." <brockwse@fssec.army.mil>  
39) [59927] Re: Regulatory matters don't belong here  
by lujce@Lehigh.EDU  
40) [59928] Matchbox & SWR 1:1?  
by Arjen Raateland <Arjen.Raateland@vyh.fi>  
41) [59929] Re: (no subject)  
by "KC1DI-DOR" <ELBC@PIVOT.NET>  
42) [59930] Re: (no subject)  
by "Bob Tellefsen" <n6wg@earthlink.net>  
43) [59931] 160 m QRP

by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>  
44) [59932] CONTEST: K7RE NAQP Results  
by Brian Kassel <bkassel@dancris.com>  
45) [59933] Help: NC20  
by Pete Burbank <plburbank@kih.net>  
46) [59934] Re: (no subject)  
by Ray Colbert <af852@rgfn.epcc.edu>  
47) [59935] ANT: strange antenna question  
by Mike Maiorana <mikemo@attglobal.net>  
48) [59936] Fox date swap!!  
by Dan Presley <talljazz@teleport.com>  
49) [59937] RE: strange antenna question  
by "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>  
50) [59938] 2N2/15 Update  
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>  
51) [59939] New Zealand  
by "Richard Hensel" <rrhensel@sprintmail.com>  
52) [59940] Re: New Zealand  
by Roger Hightower <n7kt@earthlink.net>  
53) [59941] Re: ANT: strange antenna question  
by Pete Burbank <plburbank@kih.net>  
54) [59942] NS80 on 30 m /NF0R and VE4AKI  
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
55) [59943] Re: ANT: strange antenna question  
by "Mike Yetsko" <myetsko@insydesw.com>  
56) [59944] FS - Morse Keys  
by "George Goodroe" <goodroe@worldnet.att.net>  
57) [59945] Analog Devices' power chip  
by "AI2Q Alex" <ai2q@ispchannel.com>  
58) [59946] PROP: Anchorage Alaska to ??? at 2100Z. A pattern.  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
59) [59947] W9PNE - Hall of Famer  
by Bob Kellogg <ae4ic@nr.infi.net>  
60) [59948] D2T WideBand Ant  
by "Francis Callahan" <colcal@srv.net>  
61) [59949] Atlanticon: Wow what a speaker lineup  
by Doug Hendricks <ki6ds@dospalos.org>  
62) [59950] 1V Challenge  
by "Steven Weber" <kd1jv@moose.ncia.net>  
63) [59951] Re: Analog Devices' power chip  
by "Steven Weber" <kd1jv@moose.ncia.net>  
64) [59952] Outdoor QRP website  
by aa5yx@juno.com  
65) [59953] DRIVING GROUND RODS  
by ARDUJENSKI@aol.com  
66) [59954] FOXHUNT:Team Scores  
by Bruce Rattray <rattray@gpfn.sk.ca>  
67) [59955] Re: DRIVING GROUND RODS

by "Jim Bates" <jimbo@spectrum-internet.com>  
68) [59956] Re: DRIVING GROUND RODS  
by "Larry Przyborowski" <lprzyski@erols.com>

-----  
Date: Sun, 9 Jan 2000 19:11:12 -0500  
From: "Donald P Palmer" <dppalmer@home.com>  
To: <w0av@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59889] RE: Glowing Tubes  
Message-ID: <000201bf5aff\$340275c0\$c8c20618@srst1.fl.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have to get one in, too. My first station was at Ford Island NAS, Hawaii, W0YHY/KH6. The transmitter was a BC-610. I talked with someone who claimed a kilowatt input with a fan blowing on the final. I always got a kick out of the modulation transformer talking back to me.

Don Palmer, N0CZZ, Florida

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> George F Franklin  
> Sent: Sunday, January 09, 2000 15:47  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: Glowing Tubes  
>  
>  
> Hello Carlos, Mike, et al  
>  
> Regarding 250TL or 250TH tubes, the tantalum plates glowed reddish  
> orange at rated dissipation  
>  
> Real red-blooded hams always tried to load those old Eimac  
> valves until  
> they ran a very bright red. The real hot-shots loaded them  
> until they  
> ran white hot (literally) and keyed with light dots and  
> short dashes, for  
> obvious reasons.  
>  
> It was quite possible to burn a hole in the plate on SSB  
> with a long,  
> sustained whistle.

>  
> I had a friend before WW2 who ran a pair of RCA 852's on  
> 40M CW at a KW+  
> down at the low end of the band, along with many  
> competitors. That was  
> called "kilowatt alley." They flared white hot on a fairly  
> short dash.  
> With the 872 mercury vapor rectifiers pulsing to your  
> keying, you felt a  
> real sense of power.  
>  
> The old WW2 surplus 304TL's could be bought for three to  
> fix bux each and  
> would handle a KW on CW with ease. Their plates really glowed  
> impressively.  
>  
> Enough of the nostalgia and apologies for being so  
> long-winded. This  
> story was definitely QRO; sorry about that.  
>  
> 72 de George/W0AV  
>

-----  
Date: Sun, 9 Jan 2000 07:23:57 -0500  
From: "Ron Polityka" <wb3aal@talon.net>  
To: ". QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [59890] WQ6RP Web Address  
Message-ID: <01b301bf5a9c\$67553a60\$b7e508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Anyone know what happened to the WQ6RP web site?

Thanks in advance for your help!

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
http://www.n3epa.org  
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project  
http://setiathome.ssl.berkeley.edu  
120 + Work Units Completed

-----  
Date: Sun, 9 Jan 2000 18:29:26 -0600  
From: "Bruce Barley" <lbbbarley@feist.com>  
To: <qrp-1@lehigh.edu>  
Cc: <jaeavans@codenet.net>  
Subject: [59891] Headphones - enclosed ear pads, inexpensive  
Message-ID: <000501bf5b01\$c1ab7f00\$9e06f7c6@wichita.feist.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello, to all -

Check out your local COMPUSA for their COMPUSA house-branded (made in China) headphone/boom mic blister-pak. Sells for \$9.99. 32 ohms - stereo. So just parallel each headphone to get you somewhere in the neighborhood of 16 ohms. For CW use, just tip the boom mic back out of the way. FANTASTIC audio quality, and I really like the closed ear-pads. My rig is next to the furnace in the basement, so it really pays off when the blower kicks in.

FYI - the kids (my daughter included) are buying these headsets up left and right for use with the new Internet-to-landline telephone service from <http://www.dialpad.com> FREE telephony via internet to any telephone number in the 50 US states. It will be interesting to see where it goes. Over 1 million registered users with the web site up just over 8 weeks.

No, I'm not representing either COMPUSA or DIALPAD.COM Just a satisfied user. Best 72's.

Bruce KB0PZD  
lbbarley@feist.com

-----  
Date: Sun, 9 Jan 2000 07:32:58 -0500  
From: "Ron Polityka" <wb3aal@talon.net>  
To: ". QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [59892] EI5EM Web Page  
Message-ID: <01f901bf5a9d\$aa1a9f60\$b7e508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello,

Anyone know what happened to the EI5EM web site?

Thanks for the help!

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
          <http://www.n3epa.org>  
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society	

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>  
120 + Work Units Completed

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Date: Sun, 9 Jan 2000 16:38:59 -0800 (PST)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>  
To: rsm@halcyon.com  
Cc: qrp-1@lehigh.edu  
Subject: [59893] Re: [59814] ??? Extra Class Study Guides  
Message-ID: <200001100038.QAA24492@netcom.com>

I have a copy of the (rare?) Exrta Class License Manual from the ARRL. It's the current one, dated 1996.

Typo on spine courtesy of the ARRL.

73, doug

Date: Sat, 08 Jan 2000 19:16:09 -0800  
From: Robert Marlan <rsm@halcyon.com>

What are the current books / guides to prepare for the extra class theory?  
All the ones that I can find on amazon are published around 1989-1992.  
Thanks for the help.

Robert KA6NOC/7  
rsm@halcyon.com

-----  
Date: Sun, 9 Jan 2000 18:28:25 -0700  
From: "Mike Newbold" <newbold@cmn.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [59894] FS- Sierra and NC-20  
Message-ID: <200001100122.SAA14132@cmn.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Wilderness Sierra: \$350  
Mint, comes with 20 and 40 band modules, KC2 keyer, counter, s meter, watt meter, custom panel, and manual. Stock, no mods.

Nor Cal 20: \$130  
Many mods, including ten turn pot, TIC keyer, no chirp, ALC improvements. Very custom. I have a JPG if interested.

Both rigs work and perform well. I'm thinking about a K2.  
Guaranteed to work as advertised, Price includes shipping in lower 48.



Sincerely,  
Mike Newbold K0Y0  
Oak Creek, Co. 80467

-----  
Date: Sun, 9 Jan 2000 20:34:17 -0500  
From: "Ken Simpson" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>  
Subject: [59895] Bencher BY-1 Paddle FS  
Message-ID: <016001bf5b0a\$efcc2fc0\$0fabfea9@kensimps>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For Sale:

Bencher BY-1 Paddle. This is the one with the black base,  
and all chrome parts. It also has a cord on it, and the  
adjustment wrench. It looks as close to new as you will  
find. These are going for about \$100 new now, but  
this one is only \$70 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson  
E-Mail to W8EK@fdt.net or W8EK@juno.com  
Voice Phone (352) 732-8400

-----  
Date: Sun, 9 Jan 2000 19:38:01 CST  
From: George F Franklin <w0av@juno.com>  
To: dppalmer@home.com  
Cc: w0av@juno.com, qrp-l@Lehigh.EDU  
Subject: [59896] Re: Glowing Tubes  
Message-ID: <20000109.193802.-3908357.0.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Hi Don,

Yep, I used a BC610 in Germany (D4USA, D4ACD) right after WW2 and it had the "talking" modulation transformer.

In fact, if you turned the mike gain up too high you would get acoustic feedback.

We worked out a great mod to the BC610 so that it would function very efficiently on ten meters, using crystal control (not the internal VFO, too unstable) or an external VFO.

One external VFO was a German tank transceiver, as I recall.

Thanks for the memories.

72 de George/W0AV

-----  
Date: Sun, 09 Jan 2000 21:10:07 EST

From: n5ib@juno.com

To: qrp-l@Lehigh.edu

Subject: [59897] HB: Paddle from PB board

Message-ID: <20000109.200551.11703.0.N5IB@juno.com>

Inspired by Wayne's (NB6M) clever creation described on the NorCal web pages:

<<http://www.fix.net/~jparkner/norcal/paddle/nb6m.htm>>

I constructed a variant using button magnets, poles opposing, for "springs," and 6-32 nuts on a machine screw as "bearings." The whole thing took about two or three hours, counting head scratching time. Cost about a buck (brass screws & nuts) and the living guts of three refrigerator magnets. The results can be seen at  
<<http://www.qsl.net/n5ib>>

Haven't owned a paddle since I sold my Brown Bros. combo set some 15 years ago :^(( so was VERY rusty when plugged into the DSW rig. Haven't braved the aether yet, just the dummy load, but soon..... soon...  
Actually, the straight key is more fun, but tiring in contests.

Will probably put together an iambic version using the small (1/8") rare earth magnets from Radio Shack.

73,

Jim N5IB

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 9 Jan 2000 18:58:47 -0600  
From: k5zty@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [59898] Re: Let's stay On Topic  
Message-ID: <20000109.202555.-145985.0.k5zty@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

The OT questions are not the problem, the problem is all of the redundant answers and the "ME TOO" answers. Ask your question and take the answers privately, not on the list.  
Learn how to use your reply button to make a reply to sender only.  
Bill, K5ZTY

-----  
Date: Sun, 9 Jan 2000 22:05:13 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [59899] FOXHUNT: SCHEDULE CHANGE  
Message-ID: <Pine.OSF.4.20.0001092159410.30803-1000000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everyone,

If you are finished whining about the new code requirements, and even if you are not, swing by the foxhunt website at:

[www.acs.oakland.edu/~prvalko/foxhunt.htm](http://www.acs.oakland.edu/~prvalko/foxhunt.htm)

and download the latest copy of the schedule for the remainder of the 2000 season.

N7CQR and K8CV switched dates.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics.  
Visit the Virtual Ten\*Tec Museum at:  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Sun, 9 Jan 2000 18:55:18 EST  
From: kc8aon@juno.com  
To: ripowell@mpna.com, qrp-1@Lehigh.EDU  
Subject: [59900] Re: Cell Phone Noise!!!!  
Message-ID: <20000109.220441.4391.0.kc8aon@juno.com>

>  
Rick ( that's a very good name by the way ! ),

For the fuel pump noise, contact your local Ford dealership and have them contact Ford's RFI section - Phone no. 313-323-2014 and ask for Mr. Pat Quin ( He is a WD8JDZ by the way ! ). It seems that Ford has a fix in the way of a filter, and they will probably want you to bring it into the shop for installation, don't know if they will sell it for self installation or not but you might try. And no, I don't work for Ford Motor Co. nor do I hold stock in the company - just happen to drive Ford products. Hope this helps.

73 de: Rick McKee KC8AON  
Willow Wood, Ohio  
TriState BrassPounders # 1  
QRP-L # 2112  
AR QRP # 269

>Now all i gotta do is quiet down the fuel pump in my escort!!!!  
>72 & oo's  
>/rick  
>  
>  
>-  
>Richard Powell, WB6JBM, TENTEN 13044, QRP-L 1118, FPQRP-2  
>Senior Network Engineer, Belcan IT Division  
>MCSE, CNA.  
>ripowell@mpna.com <http://www.mpna.com/ripowell>  
>ICQ 39245532  
><http://www.mpna.com/fpqrp>

>

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 9 Jan 2000 23:21:37 -0500

From: "George Heron N2APB" <n2apb@erols.com>

To: "QRP-L" <qrp-l@lehigh.edu>

Cc: "NJQRP" <NJQRP@njqrp.org>

Subject: [59901] Atlanticon speaker list announced

Message-ID: <018601bf5b22\$81672720\$de59accf@ire.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The Jersey QRP Club is very pleased to announce the list of honored speakers scheduled for the Atlanticon 2000 QRP Forum, being held on the weekend of March 24-26 in Glenn Mills, PA (a suburb of Philadelphia):

Chuck Adams, K7QO

Dave Benson, NN1G

Ed Hare, W1RFI

Joe Everhart, N2CX

Gary Diana, N2JGU

These QRP luminaries will be presenting hour-long sessions all day on Saturday in a comfortable, theater-like presentation hall at the Ramada Inn. The topics of the talks range from Manhattan-style construction techniques, to 10m receivers, to microcontroller projects, to understanding transceiver specifications. A printed collection of the speakers' presentations (a "compendium") will be available upon check-in that day.

Two more speakers are still to be announced, pending their official confirmation on availability.

Special room rates are available for Atlanticon attendees when reservations are made with the Ramada Inn. And discounted air fare is also available for this QRP event. See the website (<http://www.njqrp.org/atlanticon/>) for complete details on travel, hotel reservation, forum reservation, description of activities and maps.

Information can also be requested for automated delivery by email. To arrange this, send an email to [EMBOT@NJQRP.ORG](mailto:EMBOT@NJQRP.ORG) with the words SEND

ATLANTICON in the body of the message. An email will be returned to you almost immediately containing a text description of the Atlanticon QRP Forum.

The Atlanticon 2000 QRP Forum is going to be an incredibly fun QRP weekend, perhaps even surpassing that of last year's Atlanticon. In addition to the expected activities of this event (hospitality suites, great presentations, speaker/authors' papers, vendor tables, building contest, prizes), we'll be announcing some unique activities in the coming weeks that will be putting icing on the cake for all attendees.

Atlanticon is the premiere east coast QRP gathering 2000. Sure hope you will be able to make it.

72, George N2APB  
n2apb@amsat.org  
for the NJ-QRP Club at <http://www.njqrp.org>

-----  
Date: Sun, 9 Jan 2000 23:44:22 EST  
From: Normk9nk@aol.com  
To: qrp-l@lehigh.edu  
Subject: [59902] HW-8 SOLD  
Message-ID: <bd.bd4424da.25aabda6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

The HW-8 is sold - Thanks to everyone -- 72's - Norm - K9NK

-----  
Date: Sun, 9 Jan 2000 21:43:23 -0700  
From: "MGTGAZ" <gustoff@access1.net>  
To: <qrp-l@Lehigh.edu>  
Subject: [59903] Alinco DX70T and QRP  
Message-ID: <003401bf5b25\$3c73c1c0\$aa5b96d1@office>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Gang:

Can anyone advise which of the ultra-tiny trimmers in the DX70T are used to adjust the high power out, and the lower power out. I get nearly 10W out in LOW position and want to trim that back to the true QRP region. Also, interested in which pot sets the high power out. I'm assuming both could be trimmed back to lower output.

Thanks  
Mark

-----  
Date: Sun, 09 Jan 2000 20:55:34 -0800  
From: Ed Loranger <we6w@netzero.net>  
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>  
Subject: [59904] Norcal Net Farewell report. QRQ net.  
Message-ID: <38796646.1C06CB36@netzero.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Gang, the conditions were absolutely strange. We had a good group tonight but we also had about 15 minutes of radio silence! Well, actually it was extremely bad conditions, a whipe-out. But we were able to finish up and it was a nice little party on the net.

Who?

WE6W, K7TQ, NW7DX, N7MRI, K5OI, KN6YD.  
Ed, Randy, Ben, GW, Tim, and Jeff.

Thanks All. It's been a fun 3 months or so.

--  
72/Ed we6w; AR Millennium Q's=>2479/2000 A-1 OP  
<http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI#64 ARCI#9397 ARS#275 L#1068 NC#2227

-----  
NetZero - Defenders of the Free World  
Get your FREE Internet Access and Email at  
<http://www.netzero.net/download/index.html>  
-----

Date: Sun, 09 Jan 2000 23:18:11 -0600  
 From: sholisky@ktca.org (Scott Holisky)  
 To: qrp-l@lehigh.edu  
 Cc: prvalko@oakland.edu  
 Subject: [59905] Fox: Final log N0AR 1/7/00  
 Message-ID: <fc.000f548a005459ef000f548a005459ef.546bbd@ktca.org>  
 MIME-Version: 1.0  
 Content-type: text/plain; charset=ISO-8859-1  
 Content-Transfer-Encoding: 8bit

Here is the final log from last Thursday nites hunt. I want to thank those who sent corrections, especially to Tom N1TP for helping me correct the errors I created. Just goes to show you that after 30 years on the air, you too can still experience the "nerves" of that first Novice contact. I recommend everyone put their name in the hat for next years fox.

Thanks to all who wrote with best wishes and suggestions, oh and to Ed WE6W who after a qso Friday agreed he's "still my friend" ;).

CU down the log, 73's - Scott

Time	Call Number	ur RST	my RST	State	Name	
1:00	N0DT	559	559	MO	Dan	1004
:02	K0EVZ		559	589	ND	Doc
	861					
:03	N0EA	559	559	MO	Wayne	1058
:05	KQ5U	559	559	TX	Terry	1603
:07	W8SFF		559	559	MI	Steve
	1288					
:08	AB8DF		559	599	MI	Ed
	1444					
:09	W0CH	559	579	MO	Dave	618
:10	VE5RC	559	559	SK	Bruce	886
:11	N4ROA	559	579	VA	Dan	970
:12	K5ZTY	559	559	TX	Bill	473
:13	K8CV	559	559	MI	Walt	935
:14	N6WG	559	449	CA	Bob	26
:16	WD0K	559	599	MN	Dick	89
:17	N0EHW	559	579	MO	Tim	2047
:18	N7RE	559	559	AZ	Brian	404
:19	AB5UA	559	579	OK	Clif	478
:20	KI0II	559	559	CO	Ron	928
:22	N8XI	559	569	MI	Rick	1368
:23	N5TW	559	579	TX	Tom	1474
:24	KU7Y	559	559	NV	Ron	17



:25	NQ7X	559	559	AZ	Floyd	
	343					
:27	K1MG	559	559	CA	Mike	614
:29	AA0ZZ	559	599	MN	Craig	
	1238					
:30	N1LN	559	579	TX	Bruce	2049
:32	W8RU	559	599	MI	Ron	188
:34	KU4AF	559	559	NC	John	987
:36	W0JOE	559	559	MO	Joe	1901
:38	N8CQA	559	579	MI	Buck	41
:39	K1JD	559	559	RI	John	1945
:40	W5TB	559	599	TX	Doc	673
:41	W5YR	559	559	TX	George	1373
:43	N5LU	559	599	OK	Bill	2009
:44	VE3JC	559	579	ON	John	744
:45	K10J	559	559	TX	OJ	732
:46	AE2T	559	599	NY	Al	1664
:47	NV4V	559	559	KY	Pete	1721
:48	KK5LD	559	569	TX	Dan	205
:49	N0TU	559	559	CO	Steve	911
:52	AE9K	559	559	MI	Brian	58
:54	VE1MT	559	559	NS	Layton	1448
:55	W0RW	559	599	CO	Paul	1284
:56	N5JI	559	559	TX	Rich	1054
:57	W5SB	559	599	TX	Bill	1279
:58	WD8KQY	559	579	OH	Gary	446
2:00	N0RC	559	559	CO	Rod	1764
:02	AF4PS	559	569	FL	Mac	704
:04	WS4S	559	589	TN	Conard	993
:05	AE4Y	559	559	GA	Kent	1844
:06	KB9IUA	559	559	IL	Kevin	384
:07	W9UQB	559	559	AZ	Mike	413
:09	W0RSP	559	559	CO	Tom	1587
:11	N8VAR	559	559	OH	Ron	263
:13	AB7CE	559	599	MT	Roy	1494
:14	K1QM	559	559	MA	Joel	337
:16	N6XU	559	459	CA	Stan	66
:17	W0AV	559	599	MO	George	1866
:18	N1TP	559	569	FL	Tom	1317
:21	K5OI	559	559	NM	Tim	73
:23	W1XT	559	579	AZ	Bob	262
:24	VE6EWM	559	579	AB	Earl	1076
:25	KS4L	559	569	AL	Randy	468
:26	AA5TA	559	559	TX	Larry	1245
:28	N3YSI	559	559	PA	Paul	1835
:32	KJ5SP	559	559	OK	Mel	1287
:33	K1VP	559	559	NH	Ed	1960
:36	W5TFB	559	559	TX	Jack	282

:38	NW7DX	559	559	WA	Ben	1892
:40	VA7NT	559	559	BC	Paul	20
:42	N7RR	559	449	WA	Bruce	1688
:43	KC1FB	559	559	CT	Jim	29
:45	KB7WW	559	559	OR	Art	290
:47	K5JHP	559	559	TX	Bill	825
:49	KD1MV	559	579	CT	Jim	29
:52	AJ4Y	559	559	FL	Paul	1795
:53	NK6A	559	559	CA	Don	1517
:54	KI7MN	559	579	AZ	Bob	271
:58	AA2PF	559	589	NY	Dave	306
:59	K6TM	559	559	CA	Rich	1092

sholisky@ktca.org

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Date: Sun, 9 Jan 2000 23:25:00 -0600 (CST)  
 From: Adrian Weiss <aweiss@usd.edu>  
 To: qrp-l@lehigh.edu  
 Subject: [59906] RE: 160m Activity Sunday night.  
 Message-ID: <Pine.SOL.4.03.10001092318080.18698-1000000@sunburst.usd.edu>  
 MIME-Version: 1.0  
 Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

Although not scheduled until tomorrow night (Tuesday am 0400Z) Monday 2200CST, checked out what I thought was 1810 at the appointed time tonight to do a CQ QRP stint again. Called a couple of times and then opened up the ABX filter on the Sierra and heard some squeakng high-pitched sigs down the band and sure enough, they were N0TU and K0FRP checking for action. N0TU QRT'd but K0FRP (CO) and I had a nice chat, then KM7FD (CO) answered my next CQ QRP and we chatted a bit. Turns out that I never got around to calibrating th xtal osc on the 160m module of my Sierra, so I was up around 1811.? instead on 1810. Calibrated it now so I'll be on 1810.

I called on-n-off until a very weak sig popped out of the noise on a QSB peak at around 0453, but then he was gone again and I tried raising him again but no luck. So, if that QRP'r is reading this, you're getting out and try

again tomorrow night.

If anyone else is going to show up, let's work as many QRP stations as we can and hang around for a while. So alternate calling CQ QRP and listening.

Hope to make some QSO's!

72, Ade

-

-----  
Date: Sun, 9 Jan 2000 22:20:12 -0800  
From: "Tom Scott" <tscott@eni.net>  
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>  
Subject: [59907] Sierra modification questions, L10 and Q6, C53...  
Message-ID: <000101bf5b32\$d394cce0\$4e553604@wyle.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a question regarding some common modifications to the Sierra.

The first involves replacing L10 with a bifilar wound toroid transformer. The only message that I found that discusses the windings in detail, recommends against twisting the bi-filar windings together before winding the toroid. I had always understood that you needed the two windings to be as closely coupled as possible, and pre-twisting them before winding was a way to accomplish that. What reason would there be to recommend against this practice? Is it merely a matter of keeping the bulk down so that it will fit the core? I even thought perhaps I might be able to wind it carefully with one twist as the wires pass over the outer circumference of the core, keeping them parallel as they wind through the core. Another suggestion I've gotten is to stretch the wires tight and then smear some white glue over the wires, making a sort of zip cord looking affair. This has apparently been used successfully to keep them closely coupled while winding. Any other thoughts on this subject?

Secondly, I've seen many recommended replacement driver transistors. I am inclined to use one of the devices with an emitter tab that can be mounted right to the back panel, including among others, the SK9618, MRF260, ECG342, NTE342, and others. I find that Mouser lists the NTE342 for \$6.55. Any preferences between these, or any other, devices? Anybody know any other sources that I should check?

Finally I noted that someone had found that by replacing the silver mica C53 with an equal value polystyrene he was able to significantly reduce VFO drift. Anyone else notice excessive VFO drift, or try this modification? Do I assume correctly that the reason he did this was that it tends to compensate the tempco drift of the toroid?

Thanks! 72

- Tom

\_\_\_\_\_  
?Tom Scott - Wyle Electronics - KD7DMH  
10300 SW Nimbus Ave #PB, Portland, OR 97223  
503-603-1931 - Tel 503-684-6620 - Fax  
503-703-2032 - Cell  
\_\_\_\_\_

-----  
Date: Mon, 10 Jan 2000 02:15:48 EST  
From: DYARNES@aol.com  
To: resmith666@uswest.net, qrp-1@lehigh.edu  
Subject: [59908] Re: two hot deals from Costco...  
Message-ID: <d5.d57b4ac9.25aae124@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 1/8/00 10:45:42 PM !!!First Boot!!!, resmith666@uswest.net writes:

<< Ok, am I the only one who doesn't see a relationship between this Costco ad and QRP? >>

Boy!! You guys are tough!! Poor ole' Ed was just trying to give you guys a heads up.

First of all, the FRS radios might have some use. Am I the only guy with a non-ham XYL (or better said "the only ham with a non-ham spouse")? Those little FRS deals are probably just the "ticket" for RV park communication, working on the roof (like putting up antennas--how about that for being QRP related), vehicle to vehicle with a non-ham (CB radios are a pain in the butt!), etc. How about your kids? Start them on these, and then get them interested in something better that can really cover some territory.

Now I don't know much about these little radios, but they are catching on like wildfire around here. I think they may be a good thing even if they just keep people of our VHF and UHF bands operating illegally.

Having said all this, I was wondering if the ad in the paper this morning for Target showing a seemingly very similar radio for under \$40 (Memorex) might not be offering an even better deal on this type of radio. 14 channels, 38 sub-channels (presumably CTCSS), scan, paging, etc. Pretty good for \$39. By the way, I found it curious that the Costco ad (coupon) didn't give the model number for the radio. There are all kinds of those out now.

As for the zip disks, they certainly might be a useful peripheral item for some. Most of us have computers too, and we are using them a lot for ham radio functions, so I think it has some meaningful nexus to our activities. After all, we are all hopefully backing up our hard drives aren't we???? It's not like he was touting a good deal on washing machines, satellite TV, or something like that!

\$99 bucks for 16 zip disks is a good deal! If you have a zip drive you are very possibly interested. If you don't have one, hit the delete key!

72 de Dave W7AQK

-----  
Date: Mon, 10 Jan 2000 09:42:22 -0800  
From: Rogerio Gonzaga <gonzaga@med.up.pt>  
To: qrp-1@Lehigh.EDU  
Subject: [59909] CT1ETT in Nashvill, TN  
Message-ID: <3.0.6.32.20000110094222.01246040@mail.med.up.pt>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi folks,

I will be a few days in Nashville, Tennessee, by the end of January (medical meeting as usually).

Any info about ham radio shopping, rallies, 2m repeater's frequency & tones (I am not thinking in taking any HF QRP with me), will be more than wellcome.

Please send any eventual information to my home address

rafg@esoterica.pt

Tks in advance, best 72/73 de Roger, CT1ETT

Rogério Gonzaga, MD, PhD  
Surgical Professor, Faculdade de Medicina do Porto  
<http://users.med.up.pt/gonzaga/>

Radioamateur CT1ETT  
<http://www.qsl.net/ct1ett/>

"Every morning I wake up wishing to have the serenity of accepting the things that I cannot change, the courage of changing the ones I can, and the wisdom of distinguishing between both."

-----  
Date: Mon, 10 Jan 2000 09:46:30 -0800  
From: Rogério Gonzaga <[gonzaga@med.up.pt](mailto:gonzaga@med.up.pt)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [59910] Please, list moderators  
Message-ID: <3.0.6.32.20000110094630.012509c0@mail.med.up.pt>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi folks,

I am not reading often enough this list because it is in the saltmine address, and my access to it is often difficult.

How could I change the address to home, at

[rafg@esoterica.pt](mailto:rafg@esoterica.pt)

??????????????????

Tks es 72 de Roger, CT1ETT

Rogério Gonzaga, MD, PhD

Surgical Professor, Faculdade de Medicina do Porto  
<http://users.med.up.pt/gonzaga/>

Radioamateur CT1ETT  
<http://www.qsl.net/ct1ett/>

"Every morning I wake up wishing to have the serenity of accepting the things that I cannot change, the courage of changing the ones I can, and the wisdom of distinguishing between both."

-----  
Date: Mon, 10 Jan 2000 12:31:56 +0100  
From: Hans =?iso-8859-1?Q?=D6stnell?= <Hans.Ostnell@itn.vxu.se>  
To: qrp-1@lehigh.edu  
Subject: [59911] FS: HW-8, FT-102  
Message-ID: <3.0.6.32.20000110123156.00aa6440@epost.vxu.se>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

For sale:

Item 1: Heath HW-8 in good condition. Both rx and tx works ufb. New driver and final (final is changed to a NTE488 = higher output). Modified to avoid hard keying, etc. Complete with manual and full documentation concerning modification. Best offer gets the rig.

Item 2: Yaesu FT-102, classic "hardcore" Yaesu rig, in almost mint condition. PA with 3x6146B gives an output not far from 200W, properly tuned, that is. All amateur bands from 160-10m. Receiver performs lovely. Complete with manual + mic. Best offer gets this one as well.

Hans - SM7TUG

-----  
Date: Mon, 10 Jan 2000 11:58:23 -0000  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: <wb3aal@talon.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [59912] Re: EI5EM Web Page  
Message-ID: <005401bf5b62\$02b06320\$f4a832d4@o6s6r4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

<http://www.esatclear.ie/~ei5em/> still there...

Check my pages regularly, the number 1 for QRP! 15 hits a day from QRPers!  
All for free!

73 Frank G3YCC  
QRP Web Pages <http://www.g3ycc.karoo.net>

-----  
Date: Mon, 10 Jan 2000 07:39:04 EST  
From: SABorns@aol.com  
To: qrp-l@lehigh.edu  
Subject: [59913] Sierra Modifications?  
Message-ID: <b5.b5f93e05.25ab2ce8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Gang,

Could someone point me in the directions of a listing of Sierra modifications? Also looking for info on installation of DL-PA output modification of Sierra.

73, Steve K8IDN

-----  
Date: Mon, 10 Jan 2000 05:40:23 -0800 (PST)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [59914] 160M assault - 1.810mHz  
Message-ID: <20000110134023.25590.qmail@web702.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

The band was QRN last night, but this AM clouds cleared, and it was kinda quiet.  
First I heard Steve N0TU in CO. But at 5w he was 449, I knew we wer'nt going to break the record today, but always good to say hi to Steve. We've had some great QRPp QSO's.

Next I got a call from K3IF, he was pounding my ears with 599++. He said QTH Oxford, Arkansas, hi! But just the same I ran my power down and got to 10mW before it



got too ruff. But only 89 miles between us, so the  
Miles per watt didnt stretch too far. Only 8,900MPW.

I'll try and check the bands evenings at 03:30Z &  
04:00Z before bedtime. I get up fairly early so will  
also try at 11:30Z, till sunrise.

Haveing fun! Jim KJ5TF  
"All milliatts, All the time"

=====

Ham radio/alt energy - <http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W

-----  
Do You Yahoo!?  
Talk to your friends online with Yahoo! Messenger.  
<http://im.yahoo.com>

-----

Date: Mon, 10 Jan 2000 08:54:48 -0500  
From: "George Heron N2APB" <n2apb@erols.com>  
To: <SABorns@aol.com>, "QRP-L" <qrp-l@lehigh.edu>  
Subject: [59915] Re: Sierra Modifications?  
Message-ID: <005301bf5b72\$76bc1420\$acca9cce@ire.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

See link on home page of NJ-QRP Club, at <http://www.njqrp.org>

73, George N2APB

----- Original Message -----

From: <SABorns@aol.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Monday, January 10, 2000 7:39 AM  
Subject: Sierra Modifications?

> Gang,  
>  
> Could someone point me in the directions of a listing of Sierra  
> modifications? Also looking for info on installation of DL-PA output  
> modification of Sierra.  
>

> 73, Steve K8IDN  
>

-----  
Date: Mon, 10 Jan 2000 09:43:12 EST  
From: Drbob92031@aol.com  
To: qrp-1@lehigh.edu  
Subject: [59916] Halogen lamp buzz?  
Message-ID: <5a.5a27d22f.25ab4a00@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi all;  
Has anyone had a buzz from proximity to halogen lamps. Buzz on the recv that is.  
Just curious. I shut off the lamp and the buzz stops. So I have solved the buzz problem as far as I am concerned. Just curious if anyone else has had the same thing happen.  
72/73 de Bob...WA2EAW

-----  
Date: Mon, 10 Jan 2000 08:51:49 -0600  
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>  
To: <Drbob92031@aol.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [59917] RE: Halogen lamp buzz?  
Message-ID: <000301bf5b7a\$3a2b57c0\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You might have a bad switch. Is it a "hard" switch or an electronic one?

Kevin, WB5RUE

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> Drbob92031@aol.com  
> Sent: Monday, January 10, 2000 8:43 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: Halogen lamp buzz?  
>

>  
> Hi all;  
> Has anyone had a buzz from proximity to halogen lamps. Buzz  
> on the recv that  
> is.  
> Just curious. I shut off the lamp and the buzz stops. So I  
> have solved the  
> buzz problem as far as I am concerned. Just curious if anyone  
> else has had  
> the same thing happen.  
> 72/73 de Bob...WA2EAW  
>

-----  
Date: Mon, 10 Jan 2000 14:43:44 -0000  
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [59918] Error!!  
Message-ID: <00c901bf5b79\$1a829880\$f4a832d4@o6s6r4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Check my pages regularly, the number 1 for QRP! 15 hits a day from QRPers!  
> All for free!  
... whould read 150 plus hits a day.... and rising...  
Enjoy!

73 Frank G3YCC  
QRP Web Pages <http://www.g3ycc.karoo.net>

-----  
Date: Mon, 10 Jan 2000 10:04:02 -0500 (EST)  
From: QRP <qrp@email.com>  
To: qrp-l@Lehigh.EDU  
Subject: [59919] Bob Varone's Letter to Max Cleland  
Message-ID: <386104253.947516642968.JavaMail.root@web11.mail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

December 31, 1999

The Honorable Senator Max Cleland

I would like to wish you and your family a happy and healthy New Year from my family to yours. I am, like you, a Viet Nam Veteran, and was proud to serve my country as a member of the USAF.

A matter has come up concerning Amateur Radio, a hobby I have actively been involved in since 1962. Over the years many changes have been implemented to make positive changes to the license structure and testing requirements to enter into the hobby.

Amateur Radio is regulated by the Federal Communication Commission, with Amateur Radio regulated under part 97. In 1998 the FCC undertook what they called the Biennial Regulatory Review, WT Docket No. 98-143, to seek ways of streamlining the licensing process and to eliminate unnecessary and duplicative rules. They asked Amateurs, Amateur groups and anyone concerned to comment on this notice. They received over 2,250 filed comments and reply comments in response to the notice.

Yesterday, December 31, 1999 the FCC released their Report and Order and amended Part 97 rules, effective April 15, 2000. Essentially they have reduced the number of license classes from 6 to 3 and eliminated the Morse code speed requirement of 13wpm for the General Class License and 20wpm for the Amateur Extra Class License. The top speed required for the General and Extra class of licenses would now be 5wpm. This would make it much easier for anyone to receive an Amateur Radio License and many Amateurs believe this will diminish the hobby due to the influx of people into the already over crowded bands, without increasing existing allotted frequencies.

The written exams are given from a pool of questions that are available to any applicant, which can be memorized without actually learning the material. The Morse code requirement has been what has made our hobby unique and learning the code requires dedication and practice.

In the late 1960's the FCC had what they called incentive licensing. This added an additional license class, the FCC saying we need better-trained operators. (quality not quantity). I believe this was the correct approach at the time.

The main problem I have with the FCC approach to this matter is the quoting of a Japanese equipment manufacturer Kenwood, in their findings. Kenwood is only concerned with selling their equipment and could care less what effects would happen to the Amateur bands by reducing the entry licensing requirements. It would appear that the FCC is more concerned with what a foreign equipment manufacturer with monetary interests wants, rather than that of Amateurs and Amateur groups who have faithfully served their communities and country in times of disaster.

It is obvious that Kenwood's main concern is selling their radio equipment and has done a good job lobbying the FCC to get their way. I believe this has tainted the

entire process by which the FCC has used to re-write part 97. This action should be thrown out and re-written with the best interests of the Amateur Radio Service in mind.

Your help in the matter is most appreciated.

Sincerely

Robert Varone W4ETN

1600 Timberline Trace

Snellville, GA 30078

Phone 770-978-3179

bob.varone@vsin.com

<http://www.qsl.net/wb0jnr/extraclasslicense.html>

-----  
FREE! The World's Best Email Address @email.com

Reserve your name now at <http://www.email.com>

-----  
Date: Mon, 10 Jan 2000 10:07:15 -0500 (EST)

From: QRP <qrp@email.com>

To: qrp-1@Lehigh.EDU

Subject: [59920] A Modest Proposal

Message-ID: <380560457.947516835972.JavaMail.root@web11.mail.com>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I'm asking that everyone write both the ARRL and FCC to ask that the requirements for an Amateur Extra Class license be STRENGTHENED. Specifically, ask them to require that all existing, new and future Amateur Extra Class licensees be required to copy Morse Code, in five letter coded groups, for a solid minute at 20 wpm. SENDING Morse Code must also be part of the exam. And finally, the answers to the "written" portion of the examination can NOT be made available in any form to anybody other than those who grade the exams.

I'd also like to see the drawing of schematics an examination requirement for the Extra Class. However, this might prove an undue imposition on examiners in addition to leaving a lot of artwork open for interpretation. In general, strengthening examination requirements for the Amateur Extra will benefit our hobby in a number of ways. Most importantly, it will bring integrity and honor back to our ranks while giving Novice, Techs, Generals and Advances something meaningful to work for...

WBOJNR  
Roger J. Wendell  
<http://www.qsl.net/wb0jnr/extraclasslicense.html>

-  
-----  
FREE! The World's Best Email Address @email.com  
Reserve your name now at <http://www.email.com>

-----  
Date: Mon, 10 Jan 2000 17:03:54 +0200  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: Drbob92031@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59921] Re: Halogen lamp buzz?  
Message-ID: <3879F4DA.24F9@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Drbob92031@aol.com wrote:

>  
> Hi all;  
> Has anyone had a buzz from proximity to halogen lamps. Buzz on the recv that  
> is.  
> Just curious. I shut off the lamp and the buzz stops. So I have solved the  
> buzz problem as far as I am concerned. Just curious if anyone else has had  
> the same thing happen.  
> 72/73 de Bob...WA2EAW

Hi,

I got reports of a nasty buzz on the signal from my Ten-Tec desk microphone when a particular energy-saving halogen lamp on my desk is switched on and is positioned closer than about 50 cm from the microphone. The (electret) microphone has a pre-amp in the base (voltage gain ca. 7x).

The buzz from this lamp isn't readily heard on a SW receiver with a simple, short wire antenna running in the room and out the window, but its signal is registered on a frequency counter (with pre-amp) on the same desk.

According to the counter the energy-saving lamp produces a (rather stable) signal at about 30 kHz if I remember right. The inverter oscillator is in the base part of the lamp, which has a standard E27 screw-in base.

I have another energy-saving desk lamp of a different (obsolete) design that has the inverter in the 'wart'. This lamp can be heard on the radio, but it does not affect the microphone signal. The 'wart' sits on the floor, 'far away' from the microphone.

73,

--

Arjen Raateland  
oh2zaz

Finnish Environment Institute  
SAS Support  
phone +358 9 4030 0350

-----  
Date: Mon, 10 Jan 2000 10:48:27 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <qrp@email.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [59922] Re: A Modest Proposal  
Message-ID: <033401bf5b82\$3cb16cc0\$9001a8c0@wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Roger,

I know, this is my opinion, as your post was yours, but this is EXACTLY the elitist attitude that got HAMS into the controversy in the first place.

Instead of working to bring newbies into the fold, teach them proper operating procedures, and act as constructive mentors, you already are referring to people who come in to HAM radio as second class HAMS.

I'm sorry, but until this stops, HAM radio will continue it's downslide. And attitudes like this will CONTINUE the trend until the CW protected subbands are taken away as people stay away in droves from the 'negative attitude' associated with this.

Welcome to the demise of CW. Everyone recognized it was

dying, only no one seemed to recognize that it was really a suicide.

Mike

----- Original Message -----

From: QRP <qrp@email.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, January 10, 2000 10:07 AM

Subject: A Modest Proposal

> {A bunch deleted}

>

> Most importantly, it will bring integrity and honor back to our ranks while giving Novice, Techs, Generals and Advances something meaningful to work for...

>

> WBOJNR

> Roger J. Wendell

> <http://www.qsl.net/wb0jnr/extraclasslicense.html>

>

-----  
Date: Mon, 10 Jan 2000 08:49:26 -0700

From: "Ron Smith" <resmith666@uswest.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [59923] Re: A Modest Proposal

Message-ID: <005301bf5b82\$47846bc0\$02000000a@NET.uswest.net>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> I'm asking that everyone write both the ARRL and FCC to ask that the requirements for an Amateur Extra Class license be STRENGTHENED.

I guess you don't understand the process in which the government operates.

1. They publish information about upcoming changes.
2. They take letters and comments from the public. When all letters and comments are read they...
3. Pass the law.



You missed your chance in step 2 above. There IS no step 4 where you can complain AFTER the fact!!

As they say...

TOO LATE!!! ALL DONE!!! TOO BAD, SO SAD!!! FINISHED!!!

Ron Smith - KD7VD - Boise, Idaho  
(Personal replies on this topic not accepted)

-----  
Date: Mon, 10 Jan 2000 10:55:36 EST  
From: PDouglas12@aol.com  
To: QRP-L@lehigh.edu  
Subject: [59924] Regulatory matters don't belong here  
Message-ID: <74.74a48463.25ab5af8@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Please fellas, don't start another chain of messages about FCC regs and changes here. This is not a general forum. It is a QRP forum, and these issues just add chaff to the wheat. Please, don't get another such discussion going here. Take it elsewhere. Please.

Preston Douglas WJ2V

-----  
Date: Mon, 10 Jan 2000 16:00:17 -0600  
From: clair <clair@gateway.net>  
To: qrp-l@Lehigh.EDU  
Subject: [59925] (no subject)  
Message-ID: <387A5671.EE200982@gateway.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello,  
Can anyone recommend a good qrp watt-meter.  
Mni Tnx.....Clair/N19X

-----  
Date: Mon, 10 Jan 2000 10:04:08 -0600

From: "Brockwell, Stephen E." <brockwse@fssec.army.mil>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [59926] TT2 and Herring Aid on 30 meters ???  
Message-ID: <C0DFB43A0D57D311B0170000F8BDCA840AE4B8@alrsv02>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"

I remember that someone in 99 wrote about having a Tuna Tin 2 on 30 meters and was wondering if they had the values for the component changes in order to do that? I'm also interested in (if possible) converting the Herring Aid receiver for 30 meters.

Steve KC5TTY  
Elgin, Okla  
Y2K ambivalent and CW slow but gaining.....

-----  
Date: Mon, 10 Jan 2000 11:15:47 -0500 (EST)  
From: lujce@Lehigh.EDU  
To: qrp-l@lehigh.edu  
Subject: [59927] Re: Regulatory matters don't belong here  
Message-ID: <200001101615.LAA105614@nss4.cc.lehigh.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Exactly. Further posts on the subject will be discarded. Take the discussion offline or to rec.radio.amateur.policy.

73  
Jim N3VXI

> Please fellas, don't start another chain of messages about FCC regs and  
> changes here. This is not a general forum. It is a QRP forum, and these  
> issues just add chaff to the wheat. Please, don't get another such  
> discussion going here. Take it elsewhere. Please.  
>  
> Preston Douglas WJ2V  
>

-----  
Date: Mon, 10 Jan 2000 19:48:18 +0200  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [59928] Matchbox & SWR 1:1?

Message-ID: <387A1B62.40C5@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hi all,

I use a balanced link-coupled tuner similar to the Johnson Matchbox (mine was made by Fa. Annecke in Germany) to match a doublet of 2 x 19,3 m fed with 20 m open line to my K2 trx.

On most bands that I have used lately, I can match until there is virtually no reflected power on my Diamond SX-200 power/SWR meter EXCEPT on 20 m. I don't mean to say it's important to match to perfection when operating. However, as long as the three matchbox controls are not at either end, with careful adjustments I think I should be able to eventually attain 1:1 when the output of the TX is clean. ('Harmonics & spurs don't match at the same settings of the matchbox.')

Should I first and foremost suspect the o/p of the K2 on 20 m or could there be another good reason for not being able to get the SWR all the way down to 1:1? My SSB signal on 20 m seems to do well and I got two good reports from Holland this evening.

1. Maybe a problem in the SWR meter (it works OK on higher bands, though)?
2. My feed-line input impedance is too weird to match with three controls (and only two variables to match to, real and imaginary part of the impedance)? (FWIW: the best match seems a little better at the low end of the 20 m phone band, which would contradict the harmonics theory.)

I'm especially looking forward to explanations why I need not worry, hi hi.

73,

--

Arjen Raateland  
OH2ZAZ

-----  
Date: Mon, 10 Jan 2000 13:02:35 -0500  
From: "KC1DI-DOR" <ELBC@PIVOT.NET>  
To: <clair@gateway.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59929] Re: (no subject)  
Message-ID: <005201bf5b94\$e2462b00\$1411a1d0@elbc>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Oak Hills Reasearch WM-2  
love mine  
73 dave

----- Original Message -----

From: "clair" <clair@gateway.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, January 10, 2000 5:00 PM  
Subject: (no subject)

> Hello,  
> Can anyone recommend a good qrp watt-meter.  
> Mni Tnx.....Clair/N19X  
>

-----  
Date: Mon, 10 Jan 2000 10:08:06 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [59930] Re: (no subject)  
Message-ID: <01bf5b95\$a5a32350\$d3d0fc9e@ham.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Claire  
The informal standard wattmeter for QRP seems to be the Oak Hills Research  
WM-2 QRP Wattmeter.  
You will probably get several replies saying much the same thing.  
73, Bob N6WG

-----  
Date: Mon, 10 Jan 2000 12:30:21 -0600  
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [59931] 160 m QRP  
Message-ID: <0974781F4FC8D211A24600902727E80624E4BD@saturn.rose.cc.ok.us>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Lads & Lassies,

Are there any Lassies out there? WB9VMY will be calling CQ QRP on 1.810 by this coming Saturday evening. Antenna will be a full size dipole running North and South, but will only be at about 25 feet. Power out will either be 100 mW (barefoot) or 2 watts with the amplifier. If you here my call before then, it just means that I got on sooner.

Hal - WB9VMY

-----  
Date: Mon, 10 Jan 2000 11:29:11 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [59932] CONTEST: K7RE NAQP Results  
Message-ID: <387A24F7.D62FED91@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gangue:

I had a great time working the NAQP contest last weekend. I ran the K-2, 5W, CW, complete with built-in "K-2 Mojo" ;). All QSO's were S&P, no CQ's.

Computer and Software: 386-25 Notebook, HB Dupe program.

I used my Triband beam at 35 feet on 10, 15, and 20M. On 80 and 40 I used my Butternut HF-2, Ground mounted, 64 radials.

Total time operated was 9.5 hours.

Highlights:  
Working N4BP on 10, 15, 20 and 40M.  
Working KL7RA and KL9A on 10, 15 and 20M

Score Summary:  
313 QSO's Total

BAND	SPC'S
80	13

40 32  
20 45  
15 34  
10 12

136 Total SPC's

Brian K7RE

Final Score 42,568 Points

-----  
Date: Mon, 10 Jan 2000 13:44:57 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [59933] Help: NC20  
Message-ID: <3.0.32.20000110134454.0068589c@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,  
I recently obtained a NC20 kit. Before cranking up the soldering iron I would like to look at some pictures on the web. I found the pictures at Chuck Adam's website then went to the Norcal site. For some reason "The Norcal 20 story with pictures" will not come up. Everything else does however (Murphy's Laws I guess). Can someone point me to more pictures?  
Tnx Pete NV4V

-----  
Date: Mon, 10 Jan 2000 11:48:45 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: clair@gateway.net  
Subject: [59934] Re: (no subject)  
Message-ID: <387A1B7D.BE9A1DDF@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Without a doubt the OHR WM2 - kit, but sometimes shows up on the list as a completed unit. No interest in OHR but am a very satisfied user of a WM2.

You might have a look at: <http://www.morsex.com/ohr/>

--

"The more I see of the representatives of the people,  
the more I admire my dogs."

letter from Count d'Orsay to John Foster 1850

-----  
Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NARTE-NCT2  
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS  
-----

Date: Mon, 10 Jan 2000 14:00:03 -0500  
From: Mike Maiorana <mikemo@attglobal.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [59935] ANT: strange antenna question  
Message-ID: <387A2C33.8C437293@attglobal.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I took a walk at lunch today and went to the roof of our new parking garage. Along the top of the cement wall there is a lightning protection strap that goes around the whole roof. The wire is about 1/2" thick braided tinned strap. It covers the entire roof in a continuous loop, 460' x 190' square. That is 1300' total in the loop (more than 2 full wavelengths on 160 meters). There are 10 points around the loop that have another braid clamped to it that go straight down to ground. The roof is about 50' high.

When I look at this I'm thinking low band ANTENNA. Does anyone have any ideas on how to feed it? I know I can put a vertical wire on my black widow fishing pole and use the loop as a big ground plane or counterpoise. Since the loop is continuous I can't see how to feed it directly. I really can't break the loop open just for my antenna whims. How will those 50' ground connections effect things?

Any ideas?  
Thanks for listening,  
Regards,  
Mike Maiorana, KU4Q0 (one of the lost Advanced class operators ;-)

-----  
Date: Mon, 10 Jan 2000 11:24:14 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: qrp-l@LeHigh.edu, KA7OZO@pacifier.com, we6w@qsl.net, BenNW7DX@aol.com, CascadeQRPers@listbot.com  
Subject: [59936] Fox date swap!!  
Message-ID: <v03007815b49fe018ea4d@[216.26.2.159]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Heads up!! With kind permission of 'Momma Fox' Paul, and Walt K8CV, I am swapping dates with Walt K8CV for my fox run. Please make a note that N7CQR is now the fox on Jan 21 0200-0400 UTC (Jan 20 local date), and Walt K8CV will be the fox on Jan 26 0200-0400 UTC (Jan 25 local date). Please note that this is also a slight change in time on Jan 26 as I was originally scheduled for 0100-0300 UTC. Walt wanted to run from 0200-0400, and I'll also keep his time slot of 0200-0400 on the 21st. Write it down now, and I'll send a couple of reminders as we get closer. Thanks to all for the assistance, and I look forward to working all of you!

Dan Presley-N7CQR-Portland, Or QRP-L #502

-----  
Date: Mon, 10 Jan 2000 14:39:11 -0500  
From: "Everhart, Joseph @ CSE" <jeverhar@mail.cse.l-3com.com>  
To: "'mikemo@attglobal.net'" <mikemo@attglobal.net>  
Cc: "'qrpl'" <qrpl@lehigh.edu>  
Subject: [59937] RE: strange antenna question  
Message-ID: <B9A5540E55F7D211BE830000D11AD11E333A23@l3c-xchg-cse.mail.cse.l-3com.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Mike,

You queried re a large lightning protection loop:  
<SNIP>

>When I look at this I'm thinking low band ANTENNA. Does anyone have any  
>ideas on how to feed it? I know I can put a vertical wire on my black  
>widow fishing pole and use the loop as a big ground plane or  
>counterpoise. Since the loop is continuous I can't see how to feed it  
>directly. I really can't break the loop open just for my antenna whims.  
>How will those 50' ground connections effect things?  
Mike Maiorana, KU4QO (one of the lost Advanced class operators ;-)

I can't tell you exactly how to do it, but you can shunt feed the whole thing. If you make a couple of connections a reasonable fraction of a wavelength (say 1/16 wave or so) apart and feed with a wide range tuner you might be able to excite it well enough to radiate. Think of your connections as a large "gamma" match.

Don't think that this is not done! There have been aircraft shunt feeding wings or vertical stabilizers this way (to elimiante messy



drag-producing wires) and even the QE-II used this on some smoke stacks to get "stealth" HF antennas.

I've only read about it, not done anything along these lines myself. Someone else on the list may have practical experience to share.

72/73,

Joe E., N2CX

-----  
Date: Mon, 10 Jan 2000 14:44:38 -0500  
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>  
To: qrp-l@lehigh.edu  
Subject: [59938] 2N2/15 Update  
Message-ID: <3.0.1.32.20000110144438.006ee65c@pop.prodigy.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang....I've just posted the first of many receiver related changes to the web page containing the 2N2/15 information. This installment covers the computer modeling of the T/R Switch, to be followed in the next few days with pictures and test results of the same switch built up and operating.

72 and enjoy.....Jim, K8IQY

Ref: <http://www.qsl.net/k8iqy/2n215.html>

-----  
Date: Mon, 10 Jan 2000 15:01:51 -0500  
From: "Richard Hensel" <rrhensel@sprintmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [59939] New Zealand  
Message-ID: <000201bf5ba5\$8911a670\$0317e590@nosrrhensel>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello

Are there any New Zealand hams on the list?  
We will be visiting later this year and I was curious  
if there are any subscribers to the list

Richard Hensel  
SPRINT  
n8wlc@arrl.net

When you have a hammer in your hand ...  
The whole world looks like a nail.

-----  
Date: Mon, 10 Jan 2000 13:37:55 -0700  
From: Roger Hightower <n7kt@earthlink.net>  
To: rrhensel@sprintmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [59940] Re: New Zealand  
Message-ID: <387A4323.E839BCC1@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm curious too....I \_may\_ go there for the America's Cup races, and hope to take a K2 along.

--  
72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591

-----  
Date: Mon, 10 Jan 2000 15:42:21 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [59941] Re: ANT: strange antenna question  
Message-ID: <3.0.32.20000110154218.0074ec2c@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:00 PM 1/10/00 -0500, you wrote:

>I took a walk at lunch today and went to the roof of our new parking  
>garage. Along the top of the cement wall there is a lightning protection  
>strap that goes around the whole roof. The wire is about 1/2" thick  
>braided tinned strap. It covers the entire roof in a continuous loop,  
nks for listening,  
>Regards,  
>Mike Maiorana, KU4QO (one of the lost Advanced class operators ;-)

Mike,  
Try feeding it with a tuner at various points. If you have a big ol'

cruiser car like a cadillac or lincoln you could use that for a counterpoise. I think you might want to look into the legality of connecting to a lightning control system first though.

73 Pete NV4V

-----  
Date: Mon, 10 Jan 2000 16:17:43 -0400  
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [59942] NS80 on 30 m /NF0R and VE4AKI  
Message-ID: <v0311070db49feab4612f@[132.235.80.145]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all,

Worked some fellow QRPers on 30 this weekend, NF0R, running 1 watt and VE4AKI running 5 watts. I was running 5 watts from a homebrewed 30 meter transceiver. Signals were very readable, 549 or so, but there were a lot of fellows on and interference was making it pretty tough to copy. I was up near the RTTY stations near the middle of the band. 10.13

Glad to see the band being used, it is lots of fun!

A friend of mine (KB8ZYP) dropped off a partially assembled 49er for me, so I'll be getting that together this week! Let you all know how the project goes.

72 de NS80

-----  
Date: Mon, 10 Jan 2000 16:25:06 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <plburbank@kih.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [59943] Re: ANT: strange antenna question  
Message-ID: <009d01bf5bb1\$3d3cd880\$9001a8c0@wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I don't think I'd attach directly to it...

But... I might try to lay a 'partial loop' next to it and induce a signal into it....

Just to see, of course!

Mike

> >I took a walk at lunch today and went to the roof of our new parking  
> >garage. Along the top of the cement wall there is a lightning  
protection  
> >strap that goes around the whole roof. The wire is about 1/2" thick  
> >braided tinned strap. It covers the entire roof in a continuous loop,  
> nks for listening,  
> >Regards,  
> >Mike Maiorana, KU4Q0 (one of the lost Advanced class operators ;-)  
>  
> Mike,  
> Try feeding it with a tuner at various points. If you have a big ol'  
> cruiser car like a cadillac or lincoln you could use that for  
> a counterpoise. I think you might want to look into the legality  
> of connecting to a lightning control system first though.  
> 73 Pete NV4V  
>

-----  
Date: Mon, 10 Jan 2000 16:24:58 -0800  
From: "George Goodroe" <goodroe@worldnet.att.net>  
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>, <w4dug@onelist.com>,  
<cars@k4ksa.org>  
Subject: [59944] FS - Morse Keys  
Message-ID: <000001bf5bca\$50b19540\$d4cf4d0c@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FOR SALE - Due to shack cleaning...

British Bathtub key - <http://www.qsl.net/kf4cpj/keys/bathtub.jpg> - mint  
condition, used on Lancaster bombers during WWII, found during trip to  
London...works FB - \$175 OBO

Australian Field Key - <http://www.qsl.net/kf4cpj/keys/canadian.jpg> - This  
key was produced by the PMG (Postmaster Generals Department in Australia  
circa 1941 for use in the field telegraphy/telephony set. It subsequently  
was used in fixed radios and 'spy' sets for agents of the time due to it's  
small size. Found on trip in Europe - \$75 OBO

WT 8 Amp key circa 1939 - <http://www.qsl.net/kf4cpj/keys/wt8amp.jpg> - \$35  
OBO

J-38 Straight Key--circa 1960 - <http://www.qsl.net/kf4cpj/keys/j38.jpg> -  
mint condition - \$40 OBO

Paddlette Model KP-1 - <http://home.att.net/%7egoodroe/paddlette/page3.html> -  
compact unit combines sub-miniature paddle key with a TiCK based electronic  
keyer - mint - \$50

Kitano Key - unusual horizontal iambic key designed to send with fingers  
tapping down. All brass construction - mint condition with instructions. -  
\$50 OBO

Contact George KF4CPJ, [kf4cpj@arrl.net](mailto:kf4cpj@arrl.net)

-----  
Date: Mon, 10 Jan 2000 16:26:14 -0500  
From: "AI2Q Alex" <[ai2q@ispchannel.com](mailto:ai2q@ispchannel.com)>  
To: "QRP-L (E-mail)" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [59945] Analog Devices' power chip  
Message-ID: <000001bf5bb1\$538000e0\$5c32a7d0@ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There hasn't been any mention of Analog Devices' new Type AD8361 power  
measurement chip on here, so I thought I'd mention it. The company is  
dishing up a chip called the AD8361 which essentially permits you to build  
an accurate power meter that'll work all the way up to 2.5 GHz with 0.3 dB  
accuracy.

It's a fast responding IC that will work from 2.7 V up to 5.5 V, and costs  
less than \$4. ADI's Web page provides a PDF file datasheet that shows the  
8-pin chip needs only four capacitors and a terminating resistor. The  
company is also promoting an applications book for this part.

Is anyone on here aware of it? Has anyone tried it?

Lookout Bird!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687

-----  
Date: Mon, 10 Jan 2000 12:33:16 -0900  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [59946] PROP: Anchorage Alaska to ??? at 2100Z. A pattern.  
Message-ID: <387A501C.2AF8FB3F@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings from Alaska:

First, the numbers:  
SFI=161 | A=1 down from 2 | K=0 at 0000 on 10 January. SAF: low, GMF:  
quiet to unsettled  
Aurora Level: 5  
More: <http://hfradio.org/propagation.html>

I did something I haven't done in years. I took the time (30 minutes)  
to carefully work my way through all the 10 meter beacon frequencies.  
It looks like I could or should be working some east coast QRP at 2100Z.

Here is what I heard (minus a lot of the details that I logged such as  
call, signal strength, power and antenna). If it is on this list, the  
signal was good enough for a QSO.

First, it was fun to copy NQ2RP solidly. If the beacon is really a 125  
mw beacon, I could have gone at least 3-6 db lower.

>From 2050Z to 2120Z I copied the following locations,  
Ottawa, BC, PA, NJ, IL, PA, IL, MI, IN, NB, WI, VA, PA, TX, NY and MD.

There is a pattern from IL across to PA and VA. Neat!

FWIW, the bands were even better the two previous days. The absolutely  
telling number for Anchorage, Alaska seems to be the Aurora number. It  
is up to 5. It was less than that the last two days. When it is 7 or  
above, life is tough for propagation no matter what the SFI, A or K  
are. I will be keeping an eye on the Aurora numbers to see how good of  
a predictor it is for me.

Since I recently retired from AT&T, I am looking forward to working a  
bit more QRP and QRPp as time and the bands permit. Drop me a note if  
you want to try.

Best wishes,

Jim

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska <mailto:al7fs@qsl.net>  
ICQ 11022915 (Info at <http://www.icq.com/> )

-----

Date: Mon, 10 Jan 2000 16:14:04 -0800  
From: Bob Kellogg <ae4ic@nr.infi.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [59947] W9PNE - Hall of Famer  
Message-ID: <387A75CC.35F33F3F@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Guys,

Some of you may remember Dave Gaudings's note about Brice, W9PNE. Dave noted his long record of QRP accomplishments.

W9PNE was also elected to the QRP Hall of Fame in 1996.

CUL,

Bob Kellogg, AE4IC Greensboro, NC  
Probably, not nececelery. - Benny Hill

-----

Date: Mon, 10 Jan 2000 15:18:27 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <QRP-L@Lehigh.edu>  
Subject: [59948] D2T WideBand Ant  
Message-ID: <003201bf5bb8\$9eeff7e0\$2cde070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Has anyone noticed the review in the January CQ on dthe Giovannini D2T wide band ant. 2 radials only 19.8 feet long and covers 1.5 dto 200 mhz. Would be great for QRP field work if idt works except for the price \$611.00 delivered 72 Cal KF7ET?Idaho

-----  
Date: Mon, 10 Jan 2000 14:36:43 -0800  
From: Doug Hendricks <ki6ds@dospalos.org>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [59949] Atlanticon: Wow what a speaker lineup  
Message-ID: <01BF5B78.247C6B00@dialup-37.dospalos.org>

I saw George Heron's announcement of the speakers for Atlanticon, and I am really impressed at the outstanding lineup he has arranged, plus, he has two more great ones pending final arrangements of availability. I have heard every one of the speakers; Chuck Adams, K7QO, Dave Benson, NN1G, Ed Hare, W1RFI, Joe Everhart, N2CX, Gary Diana, N2JGU and can vouch for their being worth the trip to Philadelphia individually, and collectively, it boggles the mind. Sadly, I will not be able to attend because of travel restrictions by my doctor, but I will be there in spirit. We have a great year of QRP Forums coming up, and I want to encourage every one of you to attend as many of these as you can. If you are sitting on the fence thinking about going, then just "Do it!!". I can remember when we only had a couple of forums to go to, and they involved a lot of travel. But now, that has all changed. We have several major QRP Forums here in the US, including Atlanticon, Ft. Smith, Dayton, Hamcon, Ft. Tuthill and Pacificon.

I will attend Ft. Smith as a speaker this year, and will be going to Dayton, Ft. Tuthill and Pacificon just like the rest of you guys to see my old friends and meet new ones.

The thing that makes a QRP Forum a never to be forgotten experience are the people that you meet. The opportunity to talk with all of the guys that you have seen post on the list, worked on the air, and to see their projects in person is the thing that keeps me going back to QRP Forums. It is so much fun to meet your old friends again, but even more fun to meet the new guys. The best place to do that is at QRP Forums.

Atlanticon is taking signups or preregisterations, whatever George and the NJ guys call it right now. Please let them know if you are planning to attend, as it is important for their planning. I have talked extensively with George on the phone the past few weeks, and wow, does he have some exciting things in store for you. This year he has not only a compendium for everyone to take home, but he has some unique twists on building contests, great prizes, a new kit for everyone that attends, and the NJ Club is going to introduce a great new kit that will knock your socks off.

It is one that all of you milliwatters will have to have, plus it will be useful to the rest of us too!

Chuck Adams is going to talk on building the "Manhattan Style Way", and I have seen his soon to be published article on building Manhattan style. If you were at Pacificon and saw Chuck's Tuna Tin 2/MRX Receiver, you know how good he is. Chuck will give you all kinds of hints and kinks on how to



build using simple tools, and you can quit worrying about etching a circuit board!!

Atlanticon will feature two open houses, one on Friday and another Saturday night. These are the highlight of every QRP Forum, and the NJ guys are planning some exciting activities. The Atlanticon 2000 QRP Forum, is being held on the weekend of March 24-26 in Glenn Mills, PA (a suburb of Philadelphia).

Special room rates are available for Atlanticon attendees when reservations are made with the Ramada Inn. And discounted air fare is also available for this QRP event. See the website (<http://www.njqrp.org/atlanticon/>) for complete details on travel, hotel reservation, forum reservation, description of activities and maps.

Guys, get to work and plan on attending the first QRP Forum of 2000. The next one will be at Ft. Smith, Arkansas on the weekend of April 7-8.

Speakers at Arkiecon sponsored by the Ft. Smith QRP Group include: Dave Gauding, NF0R, Jim Duffey, "Dr. Megacycle", KK6MC, Doug Hendricks, KI6DS, Chuck Adams, K7QO, Paul Harden, NA5N, and Mr. Marker Generator and Elmer 101 Guru himself, Glenn Leinweber, VE3DNL.

QRP is gonna be even better in 2000. 72, Doug, KI6DS

-----  
Date: Mon, 10 Jan 2000 18:32:34 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [59950] 1V Challenge  
Message-ID: <200001102312.SAA15302@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Just wondering if anyone is working on the 1V challenge and if they've had any luck....

How about the 45 V Challenge, getting a tube rig to work on 45 V or less? I dug up an old 4 tube portable AM radio, thought it was a transistor set from it's size at first. Runs on a 67.5V and 1.5V battery. Would probably make a good starting point, but would really hate to distroy it in the process. Who know's, it might be a collectable and worth a millon dollars! (yea, I wish ;-)

72,  
Steve, KD1JV in the white Mountains of New Hampshire

"melt solder"

-----  
Date: Mon, 10 Jan 2000 18:32:33 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: ai2q@ispchannel.com  
Cc: qrp-l@lehigh.edu  
Subject: [59951] Re: Analog Devices' power chip  
Message-ID: <200001102312.SAA15307@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

>  
> There hasn't been any mention of Analog Devices' new Type AD8361 power

Alex,

Actually, there has been some.

In fact I have a dandy little digital watt meter with a 999 mw and 9.99 watt scale already built around the chip. (I ordered a sample the minute I heard about it :-) Unfortunately, they apparently haven't made it to the distributors yet. Haven't found anyone with them currently in stock. Otherwise, I'd be taking orders for the watt meter :-)

As the old saying goes,

All good designs need to use one part that's obsolete, one part no one stocks and one part that hasn't been designed yet!

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Mon, 10 Jan 2000 18:21:13 -0500  
From: aa5yx@juno.com  
To: QRP-L@lehigh.edu  
Cc: njqrp@njqrp.org  
Subject: [59952] Outdoor QRP website  
Message-ID: <20000110.182115.14582.0.aa5yx@juno.com>

It's not finished yet as I still have 3 other trips to post, but I have begun a website dedicated to camping trips I've taken with various QRP

rigs. For those interested, it's at:

<http://www.qsl.net/aa5yx/index.html>

John Harper AA5YX/2  
HW-9, OHR-100A/20m, NC40A, SST/40, SST/30  
YashicaMat 124G Info Page: <http://home.att.net/~j..harper>

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 10 Jan 2000 18:33:46 EST  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [59953] DRIVING GROUND RODS  
Message-ID: <83.83814a60.25abc65a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

The HANDBOOKS do not seem to address the topic of how to drive ground rods and our rental stores only have fence post drivers. I am interested in what are some successful (and proper) ways of driving these 8ft 5/8 inch rods.  
Alan KB7MBI

-----  
Date: Mon, 10 Jan 2000 17:38:23 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [59954] FOXHUNT:Team Scores  
Message-ID: <Pine.LNX.3.95.1000110173220.5864A-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

\*\*\*\*\*  
..DON'T FORGET FOXII, SEND YOUR "FINAL LOG" TO ME AS WELL  
AS TO PAUL...that will be a big help...thank you all....

\*\*\*\*\*

Fox Hunt 19 - NOUR -

\*\*\*\*\*

20th. MAINE BENGAL BEARS:Total=8

-----

Jim - N5IB  
Butch - N5SMQ  
Bill - NT1R  
Joel - KE1LA

BLUE J's:Total=12

-----

John - VE3JC <-  
Jim - VE6JWA  
Jeff - VA3JFF  
Jon - TF3JA

DURHAM MORSE MEN:Total=0

-----

Jim - VE3KQN  
Ken - VE3ELA  
John - VA3JE  
Garry - VE3REP

EMPIRE HOUNDS:Total=12

-----

Dick - K2REB  
Kevin - N2TO  
Mark - N2JTW  
Nick - KF2PH <-

HOUSTON HOUNDS:Total=55"Sweep"

-----

Bill - K5ZTY <-  
Bill - W5SB <-  
Terry - KQ5U <-  
Dan - KK5LD <-

MANGY MUSHERS:Total=43"Sweep"

-----

Pete - NV4V <-  
Paul - VA7NT <-  
Bruce - N7RR <-  
Ed - K1VP <-

NIGHT OWLS:Total=29

-----

Ed - WE6W  
Rich - N5JI <-  
Dan - N7CQR  
Ben - NW7DX <-

OKLAHOMA TORNADOS:Total=38

-----

Cliff - AB5UA <-  
Royce - KE5TC  
Don - K5AAR  
Gody - AC6U

RAIDERS OF THE LOST RF:Total=32

-----

Fred - VE3FAL  
Earl - VE6EWM <-  
Mary - NA6E  
Bruce - VE5RC <-

SCATTER SHOT GUNNERS:Total=53"Sweep"

-----

Mike - K1MG <-  
Jack - W5TFB <-  
Stan - N6XU <-  
Pat - K0PC

SFBA FOGHORNS:Total=16

-----

Bob - N6WG <-  
Conrad - NN6CW  
Andreas - N6NU  
Allan - K7GT

SWAMP RATS:Total=54

-----

Tom - N1TP <-  
Mac - AF4PS <-  
Fred - W2XN  
Paul - AJ4Y <-

SWORDS:Total=31

-----

Rick - WB6JBM

TEAM CRAMP.COM:Total=33

-----

OJ - K10J <-

Andy - KC8KFI  
Doc - K0EVZ <-  
Dan - N8IE

TEAM ScQRPion:Total=54

-----  
Floyd - NQ7X <-  
Gary - AB7MY  
Conard - WS4S <-  
Bob - KI7MN <-

TEXAS TARANTULAS:Total=50

-----  
Bill - K5LN  
Dave - N5IW  
Bob - AF5Z  
Tom - N5TW <-

WESTERN WRANGLERS:Total=25

-----  
Randy - K7TQ  
Chuck - K7QO  
Steve - WW7Y  
Ron - KU7Y <-

George - K5VUU  
Mike - K5NZ  
Eric - NM5M

TESLA'S TERRORS:Total=72"Sweep"

-----  
Wayne - N0EA <-  
Dan - N0DT <-  
Tim - N0EHW <-  
Joe - W0JOE <-

UNDERDOGS:Total=59

-----  
Roy - AB7CE <-  
Dan - N4ROA <-  
Brian - KB9BVN  
Ron - KI0II <-

NORTEX Irregulars:Total=6

-----  
Doc - W5TB <-  
Joe - KK5NA Steve  
Don - N5YAK  
Barb - KK5QA

...72 - Bruce(VE5RC+VE5QRP)

-----  
Date: Mon, 10 Jan 2000 18:51:05 -0500  
From: "Jim Bates" <jimbo@spectrum-internet.com>  
To: <ARDUJENSKI@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [59955] Re: DRIVING GROUND RODS  
Message-ID: <001801bf5bc5\$8eff6390\$3e0232d8@jbates2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

You stand on a ladder...  
and have someone who trusts you hold the rod,  
while you hit it with a sledge hammer.

...really.  
They also make 10 foot rods...use a taller ladder.

-jim (AF4FJ)

-----Original Message-----  
From: ARDUJENSKI@aol.com <ARDUJENSKI@aol.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Monday, January 10, 2000 5:41 PM

Subject: DRIVING GROUND RODS

The HANDBOOKS do not seem to address the topic of how to drive ground rods and our rental stores only have fence post drivers. I am interested in what are some successful (and proper) ways of driving these 8ft 5/8 inch rods.  
Alan KB7MBI

-----  
Date: Mon, 10 Jan 2000 19:02:04 -0500  
From: "Larry Przyborowski" <lprzybski@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>, <ARDUJENSKI@aol.com>  
Subject: [59956] Re: DRIVING GROUND RODS  
Message-ID: <010d01bf5bc7\$18937640\$34bfaccf@k3peg>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Subject: DRIVING GROUND RODS

> I am interested in what are some successful (and proper) ways of driving  
these 8ft 5/8 inch rods.  
> Alan KB7MBI

Hi Alan:

I have, in the past, used a two-foot length of suitably-sized, iron pipe with a cap threaded onto one end as a "driver". The capped pipe is placed over the top of the rod, and "rammed" up and down about six inches or so to drive the rod. A helper, wearing gloves, can hold the center of the rod in place while you drive it. The helper's grasp dampens vibration/oscillation, and also holds the rod somewhat plumb as you work.

Although this method may take a while longer than using a hammer or maul, it's safer. . I don't like hammers that can slip and fall on my feet.

72/3 de Larry - K3PEG -.-

-----  
End of QRP-L Digest 1696

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